

LOCAL AUTHORITY INTEGRATED POLLUTION CONTROLS		
PERMIT REFERENCE	APPROXIMATE DISTANCE AND ORIENTATION FROM SITE	DESCRIPTION
EA/EPR/BX8076IX	460m to the south	Other Activities

There are two Local Authority IPPC located within 500m of the site. This is summarized in the following table.

LOCAL AUTHORITY INTEGRATED POLLUTION AND PREVENTION CONTROL		
PERMIT REFERENCE	APPROXIMATE DISTANCE AND ORIENTATION FROM SITE	DESCRIPTION
4	273m to the south-west	Part B – General Coating Process (No Specific Reference)
Ao0598	449m to the south-west	PG4/2 Processes for the manufacture of fiber reinforced plastics

There is one Local Authority Pollution Prevention and Control Enforcement within 500m of the site and is summarized in the table below.

LOCAL AUTHORITY INTEGRATED POLLUTION AND PREVENTION CONTROL ENFORCEMENTS		
REFERENCE	APPROXIMATE DISTANCE AND ORIENTATION FROM SITE	DESCRIPTION
AO 0598	449m to the south-west	Details not supplied

There is one COMAH authorized facility located within 500m and is summarized in the following table.

COMAH		
REFERENCE	APPROXIMATE DISTANCE AND ORIENTATION FROM SITE	TYPE
Not Supplied	30m to the north	Lower Tier

There is one NIHHS located within 250m of the site, however its status is not active.

There are three listed planning hazardous substances consents within 250m of the site and is summarized in the following table:

SUMMARY OF PLANNING HAZARDOUS SUBSTANCES CONSENTS		
REFERENCE	APPROXIMATE DISTANCE AND ORIENTATION FROM SITE	HAZADOUS SUBSTANCE
01/53844/004	29m to the north	Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)
00/53844/003	29m to the north	Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)
92/53844/001	39m to the north-east	Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)

There are no facilities recorded as Contaminated Land under Part 2a of the EPA, 1990 within 500m of the site.

6.8.1 Licensed Discharge Consents

There are five licensed discharge consents within 500m of the site. These consents are listed as having been revoked and are summarized in the following table.

LICENSED DISCHARGE CONSENTS			
PERMIT NUMBER	STATUS OF CONSENT	APPROXIMATE DISTANCE AND ORIENTATION FROM SITE	COMMENT
P01349	Revoked	157m to the south-west	Trade effluent discharge into freshwater stream/river
P01759	Revoked	239m to the north	Discharge of other matter – surface water into freshwater river
P01759	Revoked	326m to the north	Discharge of other matter – surface water into freshwater river
Ao0598	Revoked	423m to the north	Discharge of other matter – surface water into freshwater river
H01208	Revoked	423m to the north	Trade effluent discharge into freshwater river

6.8.2 Local Trade Entries

The site is situated within a mixed industrial/commercial and residential area with numerous industrial/commercial processes within the area, as discussed within the earlier sections of this report.

There is one fuel service station located within 1,000m of the site, the record indicates that it is located 643m north-west of the site and its status is obsolete.

6.9 Additional Environmental Record Sources

VERTEX did not contact any local agencies for this assessment. Publically available data is provided within the Envirocheck data report in Appendix B. Additional enquiries can be made, but they must be made in writing with a subsequent consultation period. The timeframe for this Phase I did not allow for this written correspondence with the regulators.

7.0 SITE RECONNAISSANCE AND LIMITED COMPLIANCE REVIEW

Stephanie Nichols (TRC environmental consultant) undertook a site visit to the Butterick site on the September 28, 2016. During the site visit, VERTEX toured the facility, reviewed available documents and interviewed Sue Haft, Managing Director of Butterick Co. Ltd. Further communications were made with other staff during the site visit including Peter Exton, Logistics Manager.

During the site visit, the weather was dry with sunny intervals with a temperature of approximately 18°C. The site visit consisted of a walk-through of the site and visual reconnaissance of neighboring properties from curbside. The site was considered to be in a general good state of repair with the internal and external areas appearing clean and tidy without any obvious staining on the ground. Photographic documentation of the site visit is included in Appendix A.

7.1 Access Restrictions

VERTEX observed the majority of the interior areas of the site, including the property boundaries. However, some of the units were not accessible, including the two storage units used for slot machines and one unit used for archive storage.

7.2 Site Observations

SITE OBSERVATIONS		
DESCRIPTION	REPORTED/ OBSERVED ON-SITE Y/N	COMMENTS
Hazardous Substances and Petroleum Products	N	No chemicals were observed at the site.
UST(s)	N	VERTEX did not observe fill pipes, vent pipes or other evidence of UST(s). VERTEX did not observe operations and/or equipment that are typically associated with significant fuel or chemical storage that typically utilizes USTs. Interview with site personnel indicated that there are no known USTs on site.

SITE OBSERVATIONS		
DESCRIPTION	REPORTED/ OBSERVED ON-SITE Y/N	COMMENTS
AST(s)	N	VERTEX did not identify any AST(s) on site.
Strong, Pungent, or Noxious Odors	N	No strong odors were noted during the site visit.
Pools of Liquid	N	Not identified during the site visit.
Drums, IBCs	N	No chemicals were identified on site during the visit. Historically the site printed sewing patterns, therefore it is assumed that chemicals for printing purposes would have been stored at the site. Interview with site personnel indicated that chemicals would likely have been stored in small containers, although this could not be confirmed as printing operations ceased on site approximately 30 years ago.
Unidentified Substance Containers	N	None
Polychlorinated Biphenyls (PCB)- containing Equipment	N	No electricity substations were identified at the site or in the vicinity of the site.
Flourinated Gasses	N	There are no air conditioning units at the site.
Utilities (Electricity/ Natural Gas)	Y	It is understood that the site is supplied by mains gas and electric supply.
Hydraulic Equipment	Y	Forklifts were observed at the site, all appeared to be in good condition.
Water Supply	Y	The site is supplied by mains water.
Wells	N	On-site water extraction or groundwater monitoring wells were not identified or reported.
Wastewater	Y	Site personnel indicated that the sewerage/wastewater is connected to the mains sewerage. No further information was available. It is understood that recently some re-routing of the drainage work had been undertaken at the site.
Septic	N	According to the site representative, the site has does not utilize an onsite septic system or leaching field.
Storm Water	N	No interceptors were identified onsite. Site personnel were not able to provide information regarding surface water drainage.
Flood Plain	N	The indicative floodplain map for the areas, published by the EA, shows the site is not located within a flood plain. However, the area adjacent to the site (to the west) appears to be within a Flood Zone 2 and Flood Zone 3. Flood Zone 2 shows the additional extent of an extreme flood from rivers or the sea. These outlying areas are likely to be affected by a major flood, with up to a 0.1% (1 in 1000) chance of occurring each year. Flood Zone 3 shows areas of land with an annual probability of flooding of 1% (1 in 100) or greater from rivers, and 0.5% (1 in 200) or greater from the sea. The Envirocheck report indicates that the site and surrounding area may be susceptible to flooding from groundwater.
Pits, Ponds, Lagoons	N	No naturally-occurring or other surface water bodies were observed on-site.

SITE OBSERVATIONS		
DESCRIPTION	REPORTED/ OBSERVED ON-SITE Y/N	COMMENTS
Stained Soil, Stained Pavement, Corrosion to Pavement	N	No evidence of spills or leakages has been observed during the site visit.
Nuisance Issues	N	There were no noticeable nuisance issues observed during the site inspection.
Stressed Vegetation	N	Not identified during the site visit.
Solid Waste	Y	Biffa manages the waste for Butterick. It is unknown who manages the waste for the other units, although Veolia bins and Suez containers were observed on the site.
Hazardous Waste Management	Y	Butterick reportedly does not produce any hazardous waste. It is unknown whether hazardous waste is generated from the other businesses, however based on the activities, it is considered unlikely that significant hazardous waste is generated at the site.
Heating/Cooling	Y	From available site plans and information from site personnel, there is boiler room on site which supplies gas central heating to the property. Within one of the units heating units were observed on the ceiling and one of the units had a leaking radiator. No air conditioning units were observed at the site and interviews with site personnel indicates that there are no air conditioning units on site.
Drains, Sumps, Oil/Water Separators/Sand Traps	Y	Drains were observed on site. No interceptors were identified and it is not known whether any interceptors are present on the site.
Vapor Intrusion	N	As part of this assessment, VERTEX assessed the potential for impacts to the site from potential on- and off-site sources of vapor intrusion. The potential for impacts from off-site properties included a review of current off-site operations (see Section 2.4), a review of historical operations (see Section 5.2), and a review of regulatory database records (see Section 6.2). The potential for vapor intrusion is considered to the low.

8.0 DATA GAPS

Significant data gaps that would affect VERTEX's ability to identify RECs at the site were not encountered during this assessment. It is noted that the publicly available information is specific to the UK and does not directly align with the standard information that is available in the US. Although some of the units were not accessible, these units were all small and it is understood that these units were used for storage of slot machines or archive documents.

Our conclusions regarding the potential environmental impact of nearby, off-site facilities on the site are based on readily available information regarding facility operations and the assumed groundwater flow direction as inferred from the topography of the site and surrounding area.

9.0 ADDITIONAL SERVICES

The following additional (non-ASTM) services were performed as part of this assessment.

10.1 Asbestos-Containing Materials (ACMs)

Site representatives reported that an asbestos survey was undertaken at the site in 2004. The survey identified ACM in several locations across the site and the findings were presented in an asbestos register document.

The survey highlighted one item that posed some concern, this was some insulation located in a tank room adjacent to the gentlemen's toilet. It is understood from interviews with site personnel that this was dealt with by locking the room and preventing access.

10.2 Lead-Based Paint (LBP)

It was not possible to ascertain from site reconnaissance whether lead based paint was present on site. However, given the age of the building (circa 1960), there is potential for lead based paint to have been used on site.

10.3 Radon

Radon (Rn^{222}) is a naturally occurring inert, colorless, odorless radioactive gas derived from the decay of radium (R^{226}). Radium occurs in geologic formations containing uranium, granite, shale, phosphate, or pitchblende and was commercially used in luminescent products. Radium decays into reactive, radioactive daughter particles that attach themselves to other particles such as dust and are a lung cancer risk. Radon can move through permeable rocks and soils and can eventually seep into buildings. The movement of radon into buildings is controlled largely by the soil permeability under a foundation and access to the interior of buildings through openings in the foundation. Radon is heavier than air and is more likely to be present in sub-grade areas (including basements).

The environmental database report indicates that the western portion of the site is in a lower probability radon area with less than 1% of homes estimated to be at or above the Action Level. The eastern portion of the site is in an intermediate probability radon area with 1-3% of homes estimated to be at or above the Action Level. The report states that 'no radon protection measures are necessary in the construction of new dwellings or extensions'.

10.0 CONCLUSIONS AND RECOMMENDATIONS

VERTEX has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process to the extent possible in the UK, of Butterick Co. Ltd, 38 New Lane, Havant, PO9 2ND, UK. Exceptions to, or deletions from, this practice are described in Section 8.0 of this report. This assessment has revealed the following evidence of current recognized environmental conditions (RECs) in connection with the site.

- The known historical use of the site as a printing works is considered to be a REC.
- Additionally, the industrial uses of the immediate site area, in particular the former gas holder located directly north of the site have the potential to have resulted in ground and groundwater contamination.

Although the above RECs present the potential for there to be contamination of soil and groundwater at or in the vicinity of the site, there is no evidence of actual contamination; furthermore there is no known regulatory or third party action in relation to contaminated land at or in the vicinity of the site. In relation to the off-site sources, it is noted that, under UK contaminated land law, liability for any such contamination would be held, in the first instance, by the original polluter and/or the owner of the land on which the contamination originated, rather than sites (such as the subject site) impacted by any such contamination.

Based on the use of the site and so long as the site use remains the same, assessment of the ground and groundwater conditions is not considered necessary at this stage.

11.0 SCOPE AND LIMITATIONS

11.1 Purpose

The primary purpose of this assessment is to identify, to the extent feasible pursuant to the processes prescribed in ASTM E 1527-13, RECs in connection with the site. As defined in ASTM E 1527-13, a REC is defined as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property; (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." It does not include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A "historical REC" is defined in ASTM E 1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. ASTM E 1527-13 defines the term "controlled REC" as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

In conducting this assessment, VERTEX followed ASTM E 1527-13 as applicable in the UK. Any exceptions to, or deletions from, this practice are described in Section 8.0 of the report. ASTM defines good commercial and customary practice for conducting an ESA of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. 9601) and petroleum products. The practice constitutes "all appropriate inquiry into the

previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. 9601(35)(B).

As part of ASTM E 1527-13, Phase I ESAs must be conducted by or under the supervision of a qualified Environmental Professional. The AAI Final Rule defines an Environmental Professional as someone who possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases on, at, in, or to a property, sufficient to meet the objectives and performance factors of the rule. We declare that to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10. We have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

11.2 Detailed Scope-of-Services

As part of this Phase I ESA, and in accordance with the general provisions of ASTM E 1527-13, VERTEX performed a visual reconnaissance of the site, noted use of adjoining properties, and conducted historical and regulatory records research. The following provides a more detailed description of the scope of services:

- Visual inspection of the site building(s), if present, and grounds to identify potential for on-site petroleum or hazardous material release(s).
- Visual inspection and categorization of the use of abutting and adjoining properties as potential off-site sources of petroleum or hazardous material contamination to the site.
- Review of readily available records related to on-site activities and to potential off-site activities to identify sources of petroleum or hazardous material contamination to the site.

- Review of readily available historical information to assess for potential on-site and off-site sources of petroleum or hazardous material contamination to the site.
- Review of readily available local records related to historical site ownership, usage, and development. This did not include obtaining information from local environmental authorities to identify complaints, violations, citations, inspections, environmental liens, activity and use limitations (AULs), or institutional and engineering controls related to the site, as this is not typically possible in the UK.
- Review of readily available documents and other resources for the site and site vicinity to evaluate current and historical development and renovation activities.
- Visual assessment for suspect Polychlorinated Biphenyl (PCB) containing equipment, e.g., transformers, elevators. Please note, this scope of work does not include an evaluation for or testing of suspect PCBs in building materials such as caulking, mastic/adhesives, oil-based paints, coatings and sealants. Currently, there are no regulatory requirements to test in-place building materials for the presence of PCBs. Although testing is not required for in place materials, owners are required to know the content of the waste streams that they generate and potentially sign waste profiles prior to disposal facility acceptance. Therefore, if renovation or demolition activities are to be conducted at the site that will result in the generation of demolition debris, a contractor and/or waste disposal facility may request certification of knowledge of the waste stream and/or testing to determine if the material(s) contain PCBs for proper handling and disposal purposes. VERTEX can further discuss this issue and/or provide a proposal for testing and analysis for PCBs if requested.
- Visual inspection of the accessible areas of the site and review of readily available public records to assess the presence or absence of the following ASTM E 1527-13 non-scope considerations: ACMs, LBP, and radon.
- Preparation of a Phase I ESA report.

11.3 Significant Assumptions

Information obtained from the Client, the Client's representative, site representatives, individuals interviewed, and prior environmental reports is considered to be accurate unless VERTEX's reasonable inquiries clearly revealed otherwise.

Conditions observed were considered to be representative of areas that were not observed unless otherwise indicated.

The primary direction of groundwater flow is assumed to follow topography, unless otherwise indicated by measurement of the potentiometric surface or other quantifiable data.

VERTEX reviewed reasonably ascertainable public records with respect to past operations and ownership of the site in an attempt to determine past site usage. VERTEX is not a professional title insurance firm and makes no guarantee, express or implied, that the listing reviewed represented a comprehensive delineation of past site ownership or tenancy for legal purposes. The accuracy and completeness of information maintained in public records by public agencies or other entities is assumed to be sufficient for the purposes of this Phase I ESA, and independent verification of its validity is beyond the scope of this investigation.

11.4 Limitations and Exceptions

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. The findings within this ESA utilized information that was practically reviewable per ASTM Practice E 1527-13, meaning that only relevant data relating to the subject site has been incorporated into the findings, disregarding extraordinary analysis of irrelevant data. The investigation conducted for this ESA was limited to data that were reasonably ascertainable, meaning that the information was publicly available, obtainable within the cost and time constraints under the scope of services for this project, and practically available. VERTEX is not responsible for the independent conclusions, opinions, or recommendations

made by others based on the records review, site inspection, field exploration, and laboratory test data presented in this report.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties. VERTEX does not warrant against future operations or conditions, or against operations or conditions present of a type or at a location not investigated. VERTEX does not assume responsibility for other environmental issues that may be associated with the subject site.

This study is not intended to assess or otherwise determine if soil contamination, waste emplacement, or groundwater contamination exists. These data are accessible only by sampling of subsurface material and groundwater through the completion of soil borings and the installation of monitoring wells and the chemical analyses of soil and groundwater samples. The scope of work, determined by the client, did not include these activities.

In view of the rapidly changing status of environmental laws, regulations and guidelines, VERTEX cannot be responsible for changes in laws, regulations, or guidelines that occur after the study has been completed and that may affect the subject site.

It must be noted that no investigation can absolutely rule out the existence of hazardous materials at a given site. This assessment has been based upon prior site history and observable conditions. Existing hazardous materials and contaminants can escape detection using these methods.

Significant data gaps or accessibility limitations that would affect VERTEX's ability to identify RECs at the site are discussed in Section 8.0.

While VERTEX may comment on environmental compliance matters that fall under the scope of this assessment, this study does not constitute a regulatory compliance audit, and does not document compliance with applicable state, federal, or local regulations.

11.5 Special Terms and Conditions

No special Terms and Conditions were agreed upon between the User and the Environmental Professional.

11.6 User Reliance

This report is for the exclusive use of Terracon/Butterick and CSS Industries, Inc, and no other party shall have the right to rely on any service provided by VERTEX without prior written consent. Use of this report by any other party shall be at such party's sole risk.

12.0 REFERENCES

Documents Reviewed:

- Aerial photographs dated 1999, 2001, 2004, 2005, 2007, 2011, and 2015
- Ordnance Survey maps dated 1867, 1870, 1897, 1898, 1899, 1909, 1910, 1914, 1932, 1933, 1938-1942, 1953, 1960, 1963, 1966 1969-1973, 1972, 1975 1978-1991, 1992 1993, 2000, 2016
- Envirocheck Environmental Database Report

Interviews:

- Sue Haft, Managing Director
- Paul Exton, Logistics Manager

FIGURES



Figure 1 - SITE LOCUS

Phase I Environmental Site Assessment
38 New Lane, Havant,
Hampshire, PO9 2ND, United Kingdom.

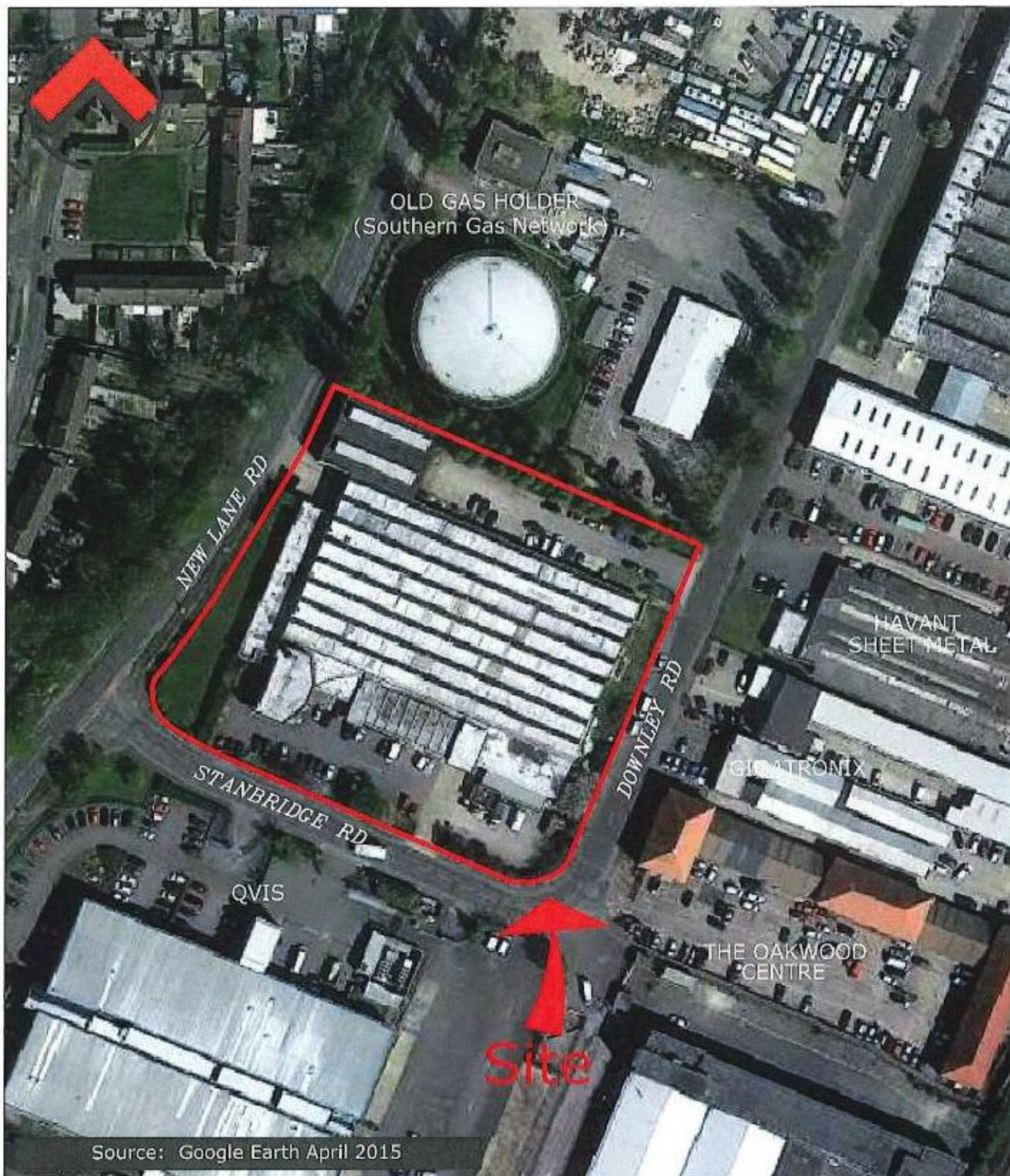
NOT TO SCALE

October 2016

VERTEX Proj.
No. 41682

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The Vortex Companies, Inc.
www.vertexeng.com



Source: Google Earth April 2015

Figure 2 - SITE AERIAL
Phase I Environmental Site Assessment
 38 New Lane, Havant.
 Hampshire, PO9 2ND, United Kingdom.

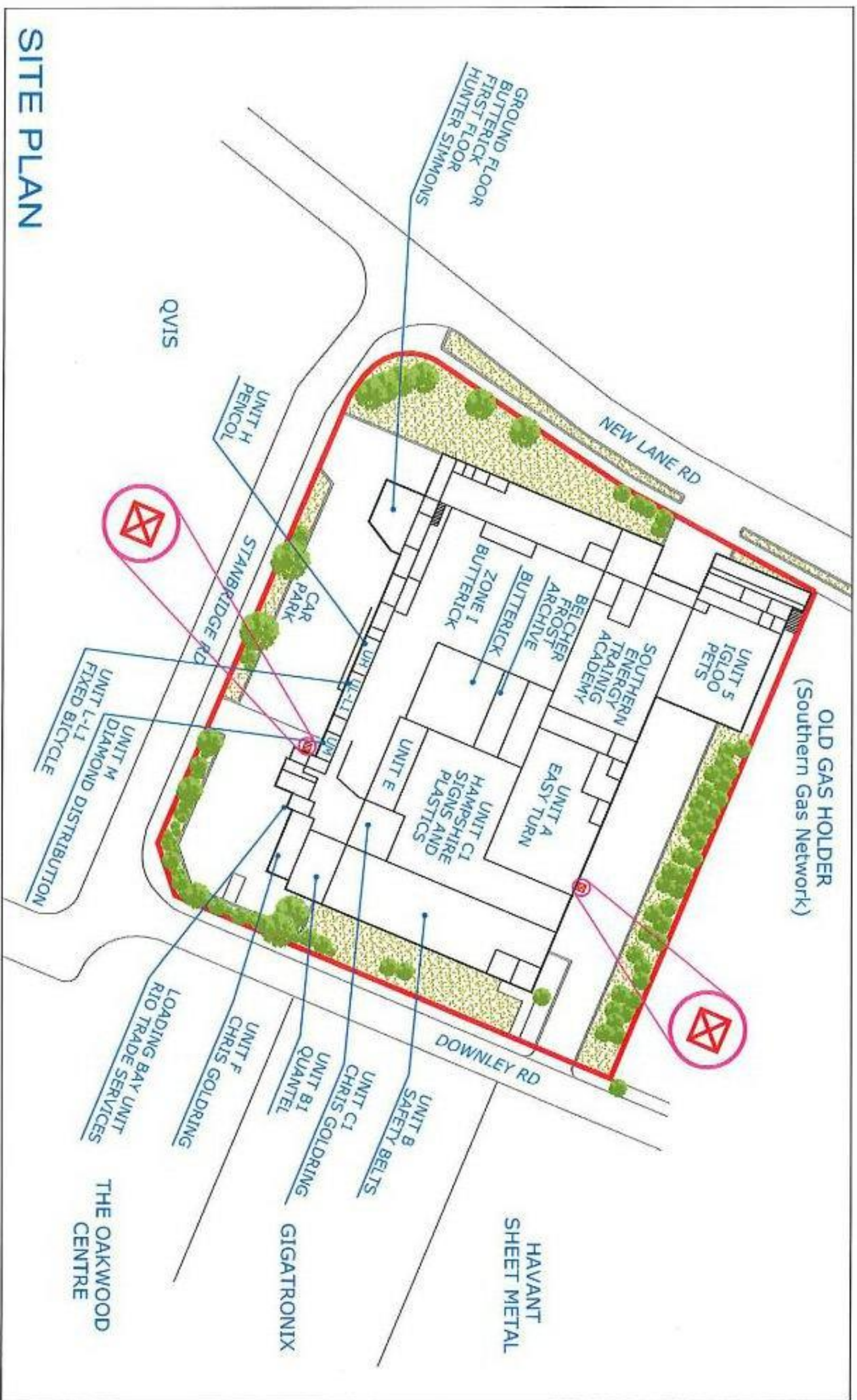
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VERTEX Project
 41682

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www.vertexcng.com



SITE PLAN

LEGEND

 SOLID WASTE DUMPSTER

 PROPERTY LIMIT



Phase I Environmental Site Assessment 38 New Lane, Havant. Hampshire, PO9 2ND, United Kingdom.		 The Veritax Companies, Inc. www.veritax.com
Figure 3 - Site Schematic		
Project 41682	D.B. L. Torres	Date: October 2016

APPENDIX A:
PHOTOGRAPHIC DOCUMENTATION

**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 1**Description:**

Photo depicts the main car parking area and southern part of the building viewed from south-west to north-east.

**Photograph: 2****Description:**

Photo depicts the western portion of the building, viewed from New Lane, west to east.



**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 3**Description:**

Photo depicts the southern portion of the building and main car park viewed from south-east to north-west.

**Photograph: 4****Description:**

Photo depicts the eastern portion of the building viewed from east to west.



**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 5**Description:**

Photo depicts the northern portion of the building, viewed north-east to south-west.

**Photograph: 6****Description:**

Photo depicts reception area of Butterick Co. Ltd. Butterick occupy the south-western portion of the building.



**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 7

Description:

Photo depicts warehouse containing sewing patterns for Butterick Co. Ltd.



Photograph: 8

Description:

Photo depicts woodwork workshop located in south-eastern portion of the building.



**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 9**Description:**

Photo depicts a unit occupied by Quantel located on the south-eastern portion of the building.

**Photograph: 10****Description:**

Photo depicts waste storage area located in southern portion of the Site.



**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 11**Description:**

Photo depicts Diamond Distribution Co South (lighting specialist) located in southern portion of the building.

**Photograph: 12****Description:**

Photo depicts office space of Hunter Simmons (accountants) located on first floor on the south-western portion of the building.



**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 13

Description:

Photo depicts unit occupied by Safety Belt Solutions located in the eastern portion of the building.



Photograph: 14

Description:

Photo depicts unit occupied by Hampshire Signs and Plastics located in the central portion of the building.



**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 15

Description:

Photo depicts unit occupied by EasyTurn located in the northern portion of the building.



Photograph: 16

Description:

Photo depicts unit occupied by Southern Energy Training Academy located in northern portion of the building.



Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682

Photograph: 17**Description:**

Photo depicts unit occupied by Igloo Pets (pet supplies) located in the north-eastern portion of the building.

**Photograph: 18****Description:**

Photo depicts location of gas holder directly north of the subject Site.



**Photographic Documentation
Butterick Co. Ltd
38 New Lane, Havant
United Kingdom
Project No. 41682**

Photograph: 19**Description:**

Photo depicts view of Downley Road located directly east of the Site with the industrial estate (The Oakwood Centre) in view.

**Photograph: 20****Description:**

Photo depicts residential area located west of the subject Site.



APPENDIX B:
ENVIROCHECK ENVIRONMENTAL DATABASE REPORT

Envirocheck[®] Report: Datasheet

Order Details:

Order Number:

98752072_1_1

Customer Reference:

264645

National Grid Reference:

472640, 107510

Slice:

A

Site Area (Ha):

1.03

Search Buffer (m):

1000

Site Details:

Butterick Co Ltd

38 New Lane

HAVANT

Hampshire

PO9 2ND

Client Details:

Mr W Nitch-Smith

TRC Companies Ltd

175-185 Grays Inn Road

London

WC1X 8UE

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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreement with a number of Data Suppliers.

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	3	1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 2			5	
Integrated Pollution Prevention And Control	pg 3			6	
Local Authority Integrated Pollution Prevention And Control	pg 5			1	1
Local Authority Pollution Prevention and Controls	pg 5			2	5
Local Authority Pollution Prevention and Control Enforcements	pg 6			1	
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters	pg 6			2	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7		1		1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 7				(*3)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 8	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones	pg 8	1			
Extreme Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines	pg 9		Yes		n/a
Detailed River Network Offline Drainage					n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 10			1	1
Local Authority Landfill Coverage	pg 10	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 10		1		1
Registered Waste Treatment or Disposal Sites	pg 11		2		
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 13		1		
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 13		1		
Planning Hazardous Substance Consents	pg 13		3		
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 14	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 14			1	4
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 15	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 16	9	38	25	24
Fuel Station Entries	pg 24				1
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 25				1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 25	1		1	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (E)	0	1	472637 107512
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	46	1	472750 107512
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	278	1	472450 107800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	376	1	472637 107950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NF (W)	464	1	472150 107700
1	Discharge Consents Operator: Mr K Harvey, Maintenance Manager Property Type: Undefined Or Other Location: New Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P01349 Permit Version: 1 Effective Date: 4th February 1988 Issued Date: 4th February 1988 Revocation Date: 6th April 1992 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	157	2	472430 107420
2	Discharge Consents Operator: Geo-Plessey Avionics Ltd. Property Type: Undefined Or Other Location: Geo-Plessey Avionics Ltd., Martin Road, West Leigh, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01759 Permit Version: 1 Effective Date: 14th July 1988 Issued Date: 14th July 1988 Revocation Date: 8th March 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A13NE (N)	239	2	472690 107800
3	Discharge Consents Operator: Geo-Plessey Avionics Ltd. Property Type: Undefined Or Other Location: Geo-Plessey Avionics Ltd., Martin Road, West Leigh, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01759 Permit Version: 1 Effective Date: 14th July 1988 Issued Date: 14th July 1988 Revocation Date: 8th March 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Freshwater River Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A18SW (N)	326	2	472500 107890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Thermofill Polymers (Uk) Ltd Property Type: Water Treatment Works Location: New Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00598 Permit Version: 1 Effective Date: 28th November 1994 Issued Date: 20th November 1994 Revocation Date: 6th September 2005 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A18SE (N)	423	2	472810 107950
4	Discharge Consents Operator: Vickers Systems Ltd. Property Type: Water Treatment Works Location: New Lane, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01208 Permit Version: 1 Effective Date: 15th April 1985 Issued Date: 15th April 1985 Revocation Date: 27th February 2006 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6) Positional Accuracy: Located by supplier to within 100m	A18SE (N)	423	2	472810 107950
5	Discharge Consents Operator: Southern Water Services Ltd (H) Property Type: Sewerage Network - Sewers - Water Company Location: Eastleigh Road, Dennyville Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: A00327 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 6th March 1998 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A14NE (E)	715	2	473400 107700
6	Integrated Pollution Controls Name: John Wyeth And Brother Ltd Location: New Lane, HAVANT, Hampshire, PO9 2NG Authority: Environment Agency, Southern Region Permit Reference: AK5458 Dated: 24th February 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revokedRevoked Positional Accuracy: Unknown	A13SW (SW)	335	2	472400 107200
6	Integrated Pollution Controls Name: Wyeth Research (uk) Ltd Location: New Lane, HAVANT, Hampshire, PO9 2NG Authority: Environment Agency, Southern Region Permit Reference: AK5571 Dated: 24th February 1994 Process Type: IPC new application Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revokedRevoked Positional Accuracy: Unknown	A13SW (SW)	340	2	472400 107195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Integrated Pollution Controls Name: Asahi Thermofil (UK) Ltd Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: AO0598 Dated: 18th November 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address	A8NW (SW)	449	2	472407 107069
7	Integrated Pollution Controls Name: Asahi Thermofil (UK) Ltd Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: BG1881 Dated: 16th February 2000 Process Type: IPC major (substantial) variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Revoked - Now IPPC Positional Accuracy: Automatically positioned to the address	A8NW (SW)	452	2	472412 107064
7	Integrated Pollution Controls Name: Asahi Thermofil (UK) Ltd Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: BC9461 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address	A8NW (SW)	454	2	472407 107064
8	Integrated Pollution Prevention And Control Name: Sumika Polymer Compounds (UK) Ltd Location: Havant Plastics Compounder, 28, New Lane,, Havant, Hampshire, PO9 2NQ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: MP3431KV Original Permit Ref: Bx8076ix Effective Date: 15th April 2010 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Automatically positioned to the address Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescribed) (Unless Glazing Etc) Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A8NW (SW)	449	2	472407 107069
8	Integrated Pollution Prevention And Control Name: Sumika Polymer Compounds (UK) Ltd Location: Havant Plastics Compounder, 28, New Lane,, Havant, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: MP3431KV Original Permit Ref: Bx8076ix Effective Date: 15th April 2010 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescribed) (Unless Glazing Etc) Primary Activity: Y	A8NW (SW)	449	2	472407 107069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Integrated Pollution Prevention And Control Name: Sumika Polymer Compounds (UK) Ltd Location: Havant Plastics Compounder, 28, New Lane, Havant, Hampshire, PO9 2NQ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: QP3235GD Original Permit Ref: Bx8076ix Effective Date: 17th June 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescribed) (Unless Glazing Etc) Primary Activity: Y	A8NW (SW)	449	2	472407 107069
8	Integrated Pollution Prevention And Control Name: Sumika Polymer Compounds (UK) Ltd Location: Havant Plastics Compounder, 28, New Lane, Havant, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: QP3235GD Original Permit Ref: Bx8076ix Effective Date: 17th June 2009 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescribed) (Unless Glazing Etc) Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A8NW (SW)	449	2	472407 107069
8	Integrated Pollution Prevention And Control Name: Asahi Thermofil UK Ltd Location: Havant Plastics Compounder, 28, New Lane, Havant, Hampshire, PO9 2NQ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: BX8076IX Original Permit Ref: Bx8076ix Effective Date: 7th September 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescribed) (Unless Glazing Etc) Primary Activity: Y	A8NW (SW)	449	2	472407 107069
8	Integrated Pollution Prevention And Control Name: Asahi Thermofil UK Ltd Location: Plastics Compounder - Havant, 28, New Lane, Havant, Hampshire, PO9 2NQ Authority: Environment Agency, Southern Region Permit Reference: Bx8076ix Original Permit Ref: Bx8076ix Effective Date: 7th September 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 4.2 A(1) (D) Activity Description: Inorganic Chemicals; Using Etc Of Antimony Etc (Unless Otherwise Prescribed) (Unless Glazing Etc) Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A8NW (SW)	449	2	472407 107069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Local Authority Integrated Pollution Prevention And Control Name: Sumika Polymer Compounds Ltd Location: 28 New Lane, Havant, PO9 2NQ Authority: Havant Borough Council, Environmental Health Department Permit Reference: EA/EPR/BX80761X Dated: 7th September 2005 Process Type: Other Activities Description: Not Supplied Status: Permit Issued Positional Accuracy: Located by supplier to within 10m	A8NW (S)	460	3	472549 107004
10	Local Authority Integrated Pollution Prevention And Control Name: Motorwork Ltd Location: Westleigh Service Station, Petersfield Road, Havant, Hampshire, PO9 5HA Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/05/00267 Dated: Not Supplied Process Type: Energy Industries Description: PG1/1 Waste Oil And Recovered Oil Burners less than 0.4W Status: Permit Issued Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	641	3	472081 107934
11	Local Authority Pollution Prevention and Controls Name: Wyeth Laboratories Location: New Lane, HAVANT, Hampshire, PO9 2NG Authority: Havant Borough Council, Environmental Health Department Permit Reference: 4 Dated: 15th January 1997 Process Type: Local Authority Air Pollution Control Description: Part B - General Coating Process (No Specific Reference) Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	273	3	472465 107236
12	Local Authority Pollution Prevention and Controls Name: Thermofil Polymers (UK) Ltd Location: 28 New Lane, HAVANT, Hampshire, PO9 2NQ Authority: Havant Borough Council, Environmental Health Department Permit Reference: A00598 Dated: 28th November 1994 Process Type: Local Authority Air Pollution Control Description: PG4/2 Processes for the manufacture of fibre reinforced plastics Status: Authorised Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	449	3	472403 107071
13	Local Authority Pollution Prevention and Controls Name: Vision Travel International Limited Location: Unit 11 Kenwood Business Park, New Lane, Havant, PO9 2NH Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/07/08915 Dated: 2nd January 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Located by supplier to within 10m	A8NW (S)	555	3	472578 106901
14	Local Authority Pollution Prevention and Controls Name: Thermofil Polymers (UK) Ltd Location: New Lane, HAVANT, Hampshire, PO9 2NH Authority: Havant Borough Council, Environmental Health Department Permit Reference: Cpa1/1/97 Dated: 15th January 1997 Process Type: Local Authority Air Pollution Control Description: PG6/10 Coating manufacturing Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	638	3	472274 106926
15	Local Authority Pollution Prevention and Controls Name: West Leigh Service Station Location: Petersfield Road, HAVANT, Hampshire, PO9 5HA Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/05/00323 Dated: 9th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address	A17SE (NW)	643	3	472079 107933

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Local Authority Pollution Prevention and Controls Name: Westleigh Service Station (Motorwork) Location: Petersfield Road, Havant, Po9 5ha Authority: Havant Borough Council, Environmental Health Department Permit Reference: HBC/PPC/05/00267 Dated: 22nd March 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1 Waste oil burners, less than 0.4MW net rated thermal input Status: Transferred to IPPC Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	647	3	472087 107953
16	Local Authority Pollution Prevention and Controls Name: Kenwood Ltd Location: New Lane, Havant, Hampshire, Po9 2nh Authority: Havant Borough Council, Environmental Health Department Permit Reference: EPA/1/2/84 Dated: 22nd October 1993 Process Type: Local Authority Air Pollution Control Description: PG2/6 Aluminium and aluminium alloy processes Status: Authorisation revoked/Revoked Positional Accuracy: Manually positioned to the address or location	A8SW (S)	666	3	472437 106823
17	Local Authority Pollution Prevention and Control Enforcements Location: New Lane, Havant, Hampshire, Po9 2nq Type: Air Pollution Control Enforcement Notice Reference: AO 0599 Date Issued: 25th November 1998 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	449	3	472403 107071
	Nearest Surface Water Feature	A13NW (NW)	19	-	472590 107570
18	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Lockerley Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Petrol Note: 20L Petrol To Drain Incident Date: 10th July 1992 Incident Reference: 199 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	285	2	472300 107400
19	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Hipley Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Unknown Sewage Note: Pipe Pouring Out Soapy White Water; Water Company Sewage; Surface Water Outfall Incident Date: 13th June 1995 Incident Reference: 1890 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	417	2	472200 107300
20	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Eastern Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Chemicals - Other Organic Note: Stream Polluted; Chemical Industry Incident Date: 9th June 1995 Incident Reference: 1884 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Organic Industrial Waste Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	647	2	472300 106900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Crosslands Drive, HAVANT Authority: Environment Agency, Southern Region Pollutant: Rubble/Litter Or Solids Note: Rubbish & Pollution Of Stream Incident Date: 08h May 1992 Incident Reference: 73 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	755	2	472100 106900
22	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: New Road, HAVANT Authority: Environment Agency, Southern Region Pollutant: Oils - Petrol Note: 5 Litres Of Petrol To Drain Incident Date: 29th May 1997 Incident Reference: 797267 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	923	2	472300 106600
	River Quality Name: Lavant (Hants) GQA Grade: River Quality A Reach: Tidal Limit - Source Estimated Distance (km): 0.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13NW (NW)	42	2	472555 107562
	River Quality Name: Southleigh Strm GQA Grade: River Quality D Reach: Tidal Limit - Source Estimated Distance (km): 2.2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14NE (E)	733	2	473385 107910
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 101 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1913	2	471020 108370
	Water Abstractions Operator: Portsmouth Water Ltd Licence Number: 11/42/36.2/1 Permit Version: 102 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1913	2	471020 108370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Portsmouth Water Co Licence Number: 11/42/38.2/1 Permit Version: 100 Location: Bedhampton Ps Spring No 2 Authority: Environment Agency, Southern Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th September 1977 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1913	2	471020 106370
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 45 West Sussex and Surrey Scale: 1:100,000	A13SE (E)	0	2	472637 107512
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (E)	0	1	472637 107512
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (E)	0	1	472637 107512
23	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone 1c (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only.	A13SE (E)	0	2	472637 107512
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	2	2	472500 107540
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	173	2	472432 107387
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	3	2	472603 107563
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	58	2	472533 107557
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	109	2	472641 107680
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (W)	150	2	472420 107471
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D007 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Lavant Stream Name: Water Course: S601 Reference:	A13NW (NW)	20	2	472578 107553
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Licensed Waste Management Facilities (Locations) Licence Number: 19987 Location: 32 New Lane, Havant, Hampshire, PO9 2NG Operator Name: John Wyeth And Brother Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: In-house Storage Facilities Licence Status: Issued Issued: 13th September 1991 Last Modified: 11th June 2001 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (S)	264	2	472550 107210
26	Licensed Waste Management Facilities (Locations) Licence Number: 19986 Location: 8 New Lane, Havant, Hampshire, PO9 2JH Operator Name: Wessex Construction And Plant Ltd Operator Location: Not Supplied Authority: Environment Agency - Southern Region, Hampshire and Isle of Wight Area Office Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 5th December 1991 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	982	2	472130 108610
	Local Authority Landfill Coverage Name: Havant Borough Council - Has supplied landfill data		0	3	472637 107512
	Local Authority Landfill Coverage Name: Hampshire County Council - Had landfill data but passed it to the relevant environment agency		0	4	472637 107512
	Local Authority Landfill Coverage Name: East Hampshire District Council - Has no landfill data to supply		600	5	473032 108040
27	Registered Waste Transfer Sites Licence Holder: John Wyeth & Brother Ltd Licence Reference: 13/ 22 Site Location: New Lane, HAVANT, Hampshire, PO9 2NG Operator Location: Huntercombe Lane South, Taplow, MAIDENHEAD, Berkshire, SL6 0PH Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Storage Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Operational as far as is known/Operational Dated: 11th June 2001 Preceded By: 13/ 22 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Special Waste (As In Epa 1990/S62 Of 1996 Regs) & Other Waste In Working Plan Prohibited Waste: Degradable Household/Commercial/Industrial Waste (As In Post'98 E.A.Lics And Equivalent To 22.00.00) Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00) Other Waste / Waste Not Otherwise Specified	A13SW (S)	222	2	472630 107230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Registered Waste Transfer Sites Licence Holder: Wessex Construction Plant & Hire Co Ltd Licence Reference: 13/ 20B Site Location: New Lane, HAVANT, Hampshire, PO9 2JH Operator Location: As Site Address Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Transfer Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st February 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Adhesive Wastes Ash/Clinker Clay,Pottery,China,Enamel,Ceramic,Mica Coal,Coke,Carbon,Graphite Construction And Demolition Wastes Cork Ferrous & Non-Ferrous Metal Scrap Glass/Cullet Max.Storage Permitted By Licence Oiled/Tarred Paper < 5% Of Daily Input Paper/Pack'G Ex Com./Ind. Premises Prods Of Complete Polymerisation Sand,Chalk,Gravel,Nat.Occ.Earth Spoils Sawdust/Sanderdust Solid Rubber Timber,Wood Offcuts, Hardboard Vehicle Tyres To Be < 5% Daily Input Waste Ex Const'N/Maint. Of Highways Prohibited Waste All Clinical Wastes In Wmp 25 All Fibrous Forms Of Asbestos Food/Veg/Readily Biodegradable Waste Liq/Slurry/Sludge Waste - Except Above Mat'l. Ex Oil Fired Boilers Mat'ls Contain. Phenols Or Derivs. Old Cars/Vehicles/Trailers Poisonous, Noxious, Polluting Wastes Potentially Haz. Or Polluting Wastes Special Wastes Waste N.O.S.	A7SE (SW)	996	2	472120 106600
29	Registered Waste Treatment or Disposal Sites Licence Holder: Vinatex Ltd Licence Reference: 13/ 2 Site Location: New Lane, Havant, Hampshire Operator Location: As Site Address Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Incineration Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 17th June 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Paper/Cardboard Waste Wood Waste/Timber Environment Agency Waste N.O.S must give specific authorisation for this waste to be acceptedWaste requires prior approval	A13SW (S)	69	2	472600 107400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Registered Waste Treatment or Disposal Sites Licence Holder: Wyeth Laboratories Licence Reference: 13/ 22 Site Location: Now Lane, HAVANT, Hampshire, PO9 2NG Operator Location: As Site Address Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Storage Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Record supersededSuperseded Dated: 13th September 1991 Preceded By: Not Given Licence: Superseded By: 13/ 22 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Special Wastes As In Application	A13SW (S)	222	2	472630 107230